



The State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

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*Executive Director*

LOWELL P. BRAXTON  
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MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

**Representatives Present During the Inspection**

Company Boyd Rhodes

Company Dan Guy

OGM Joe Helfrich Reclamation Specialist III

## Inspection Report

|                  |                             |
|------------------|-----------------------------|
| Permit Number:   | <b>C0070022</b>             |
| Inspection Type: | <b>COMPLETE</b>             |
| Inspection Date: | Wednesday, October 01, 2003 |
| Start Date/Time: | 10/1/2003 9:00:00 AM        |
| End Date/Time:   | 10/1/2003 1:00:00 PM        |
| Last Inspection: | Friday, September 12, 2003  |

Inspector: Joe Helfrich, Reclamation Specialist III

Weather: sunny, 80

Accepted by: dhaddock  
10/7/2003

Permittee: **SAVAGE INDUSTRIES INC**

Operator: **SAVAGE INDUSTRIES INC**

Site: **SAVAGE COAL TERMINAL**

Address: **6340 S 3000 E STE 600, SALT LAKE CITY UT 84121**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

**Current Acreages**

|        |                        |
|--------|------------------------|
| 160.00 | <b>Total Permitted</b> |
| 122.28 | <b>Total Disturbed</b> |
|        | <b>Phase I</b>         |
|        | <b>Phase II</b>        |
|        | <b>Phase III</b>       |

**Mineral Ownership**

- ☐ Federal  
☐ State  
☐ County  
☐ Fee  
☐ Other

**Types of Operations**

- ☐ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Divison Orders, and amendments:**

The purpose of this site visit was to conduct a complete inspection of the Savage Coal Terminal.

**Inspector's Signature:**

**Date** Monday, October 06, 2003

Joe Helfrich, Reclamation Specialist III

Inspector ID Number: 1

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

|                                                                  | Evaluated                           | Not Applicable                      | Comment                             | Enforcement              |
|------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Permits, Change, Transfer, Renewal, Sale                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Signs and Markers                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Topsoil                                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.a Hydrologic Balance: Diversions                               | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.b Hydrologic Balance: Sediment Ponds and Impoundments          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.c Hydrologic Balance: Other Sediment Control Measures          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 4.d Hydrologic Balance: Water Monitoring                         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.e Hydrologic Balance: Effluent Limitations                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 5. Explosives                                                    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Disposal of Excess Spoil, Fills, Benches                      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 7. Coal Mine Waste, Refuse Piles, Impoundments                   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Noncoal Waste                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 9. Protection of Fish, Wildlife and Related Environmental Issues | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 10. Slides and Other Damage                                      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Contemporaneous Reclamation                                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 12. Backfilling And Grading                                      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 13. Revegetation                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 14. Subsidence Control                                           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 15. Cessation of Operations                                      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 16.a Roads: Construction, Maintenance, Surfacing                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 16.b Roads: Drainage Controls                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17. Other Transportation Facilities                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 18. Support Facilities, Utility Installations                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 19. AVS Check                                                    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 20. Air Quality Permit                                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 21. Bonding and Insurance                                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 22. Other                                                        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

**1. Permits, Change, Transfer, Renewal, Sale**

The permit was renewed August 7, 1999. The current information on file indicates that the CHIA was last updated August 7, 1989. There is one amendment pending, ID # 1702 that includes a permittee name change. The application was submitted on September 18, 2003. No additional information is available at this time.

**2. Signs and Markers**

Permit entry signs containing the required information were visible at all points of entry to the permit area.

**3. Topsoil**

The topsoil stockpile area encompassing 4.5 acres was roughened and seeded on August 25 and 29, 2003. 60#'s of tackifier/acre and 2,000 #'s of wood fiber/acre were applied.

**4.a Hydrologic Balance: Diversions**

The ditches and diversions in and adjacent to the disturbed area were functioning properly

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Second quarter pond inspections were conducted on June 12, 2003 for ponds 1, 2, 3, 5, and 6. The ponds were in good repair and stable showing no signs of hazards, erosion or structural weakness.

**4.d Hydrologic Balance: Water Monitoring**

DMR's for the pond discharge (site CV-15W) were reported as no discharge for the months of May, June, July, and August 2003. Sites CV-1-W and 14-W were sampled on May 15, 2003.

**7. Coal Mine Waste, Refuse Piles, Impoundments**

The refuse pile was inspected on June 12, 2003. As of the date of this inspection, no material was being transported to the Co-Generation facility. The remaining portion of the pile is properly bermed and graded.

**16.b Roads: Drainage Controls**

The roads and associated ditches were in good repair and were functioning properly.

Permit Number: C0070022  
Inspection Type: COMPLETE  
Inspection Date: Wednesday, October 01, 2003

## Inspection Continuation Sheet

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### **21. Bonding and Insurance**

Liability insurance is carried by Marsh USA and is in effect through April 1, 2004.

National Fire Insurance Co. of Hartford carries the reclamation bond in the amount of \$2,525,000.